Indicators of a Possible Chemical Incident

Dead animals/birds/fish Not just an occasional incident, but numerous animals (wild and

domestic, small and large), birds, and fish in the same area.

Lack of insect life Normal insect activity (ground, air, and/or water) missing, dead

insects evident in the ground/water surface/shoreline.

Physical symptoms Numerous individuals experiencing unexplained water-like

blisters, wheals (similar to bee stings), pinpointed pupils, choking,

respiratory ailments and/or rashes.

Mass casualties Numerous individuals exhibiting unexplained serious health

problems ranging from nausea to disorientation to difficulty in

breathing to convulsions and death.

Definite patterns of casualties

Casualties distributed in a pattern that may be associated with possible agent dissemination methods.

Illness associated with confined geographic area

Lower incidence of symptoms for people working indoors than

outdoors, or the reverse.

Unusual liquid droplets Numerous surfaces exhibiting oily droplets/film; numerous water

surfaces displaying an oily film (no recent rain).

Areas that look different in appearance

Not just a patch of dead weeds, but trees, shrubs, bushes, food

crops, and/or lawns that are dead, discolored, or withered (no

current drought).

Unexplained odors Smells ranging from fruity to flowery to sharp/pungent to

garlic/horseradish-like to bitter almonds/peach kernels to newly mown hay; the particular odor is completely out of character with

its surroundings.

Low-lying clouds Low-lying cloud/fog-like condition that is not explained by its

surroundings

Unusual metal debris Unexplained bomb/munitions-like material, especially if it contains

a liquid (No recent rain).

Source: Counterterrorism 2006 Calendar